Index of Claims

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Application/Control No. Applicant(s)/Patent under Reexamination 10/690,610 MILIAN, ALEX Examiner Art Unit

(Through numeral) Cancelled Rejected Restricted Allowed

Non-Elected N Interference

**LIEN TM NGO** 

**Appeal** A 0 Objected

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|  | Date           |              |  |                                     |              |          |               |  |          |                 |
| Cla                                    | III            | ١            | 1  | _                                   | <del>-</del> | ate      | ,             | _  |          | -               |
| I _ I                                  | ā              | 9            | C  |                                     |              |          |               |  |          |                 |
| Final                                  | (C) Original   | ٥/           | 2  |                                     |              |          |               |  | ı        |                 |
| 喧!                                     | Ĭ.             | 3            | IJ   |                                     |              |          |               | 1  | Į        | - 1             |
|  | 70             | Q            | ,9   |                                     | _            | _        |               |  |          | ┚               |
|  | U.             | V            | u  |                                     | ,            |          |               |  | $\neg$   |                 |
|  | 7              | H            | П  |                                     |              |          |               |  | $\neg$   | $\neg$          |
| t                                      | 3              | Н            |  | Н                                   | _            | $\neg$   |               | $\neg$   | _        | $\dashv$        |
| 1                                      | 4              | Н            | Ŧ  | Н                                   |              | -        |               | $\vdash$   | $\dashv$ | $\dashv$        |
| <del>-13</del>                         | 5              | Н            | ╫  | Н                                   | $\dashv$     | $\dashv$ | -             | Н  |          | ↤               |
|  | 2              | Н            | 4  |                                     | $\dashv$     | -        | $\vdash$      | $\vdash$   | $\dashv$ | -               |
| للبرا                                  | 6              | Ш            | 4  | Н                                   | _            | -        |               |  | $\dashv$ | $\dashv$        |
| بعا                                    | 7<br>8         | Ш            | Н  |                                     |              |          |               |  |          |                 |
|  | 8              | Ш            | Ц  |                                     | _            | _        |               |  |          | _               |
| X                                      | 9              | Ш            | $\Box$   | $\Box$                              |              | $\Box$   |               |  |          | _               |
| 80000000000000000000000000000000000000 | 10             | Ш            |  |                                     |              |          |               | Ш  |          | ┙               |
| ľ                                      | 11             | $\prod$      |  |                                     |              |          |               |  |          |                 |
| li i                                   | 12             | П            |  | П                                   |              |          |               |  |          |                 |
|  | 12             | 4            | П  | П                                   | $\Box$       |          |               |  |          |                 |
| 1                                      | (4)            | _            | П  | П                                   | $\Box$       |          | $\overline{}$ |  |          | $\neg$          |
| Hd                                     | 15             | Н            | 1  | Н                                   |              |          | П             | М  | $\neg$   | $\dashv$        |
| 1                                      | 15<br>16<br>17 | $\vdash$     | +  | Н                                   |              | -        | -             | $\vdash$   |          | $\dashv$        |
| 1                                      | 17             | $\vdash$     | 1  | Н                                   | -            | -        | Н             | Н  | Н        | $\dashv$        |
| HY                                     | 10             | $\vdash$     | <b>-</b>   | Н                                   |              | $\vdash$ | $\vdash$      | H  | Н        | $\dashv$        |
| $\vdash$                               | 18             | -            | <b>—</b>   | Н                                   | -            | -        | H             | H  | Н        | $\dashv$        |
| <u> </u>                               | 19             | <u> </u>     | Н  |                                     | _            |          | _             | <u> </u>   | -        | $\dashv$        |
|  | 20             | _            | _  | Ш                                   |              |          | L             | _  |          |                 |
| <u> </u>                               | 21             | Ш            |  | _                                   | _            |          | $\perp$       | L  | Щ        | Ш               |
|  | 22<br>23       | Ш            |  | L                                   |              |          | L.            | L_   | Ш        | _               |
|  | 23             |              |  |                                     |              |          | Ŀ             |  |          |                 |
|  | 24             |              |  |                                     |              |          | L             |  |          |                 |
|  | 25             | <u> </u>     |  |                                     |              |          | L             |  |          |                 |
|  | 26             |              |  |                                     |              |          |               |  |          | Ш               |
|  | 27             |              |  |                                     |              |          |               |  |          |                 |
|  | 28             |              |  |                                     |              |          |               |  |          |                 |
|  | 29             |              |  |                                     |              |          |               |  |          |                 |
|  | 30             |              | Г  | П                                   |              |          |               |  |          |                 |
|  | 31             |              | Г  |                                     |              |          |               | Г  |          |                 |
|  | 32             | Т            |  | Г                                   |              | П        | Г             |  |          |                 |
|  | 33             | T            | _  | П                                   |              |          | Т             | П  |          | Н               |
| $\vdash$                               | 34             | $\vdash$     | <del>                                     </del> |                                     | Н            | Н        | ┪             | <del>                                     </del> | $\vdash$ | Н               |
| $\vdash$                               | 35             | $\vdash$     |  | $\vdash$                            | $\vdash$     |          | $\vdash$      | Т  | $\vdash$ | $\vdash$        |
| -                                      | 36             | ┢            | $\vdash$   | Н                                   | -            | $\vdash$ | <u> </u>      |  | $\vdash$ | $\vdash$        |
| <b>—</b>                               | 37             | ├-           |  | $\vdash$                            | ┝╌           | $\vdash$ | $\vdash$      | -  | H        | Н               |
| <b>—</b>                               | 38             | $\vdash$     | -  | ┢                                   | $\vdash$     | Н        | $\vdash$      | $\vdash$   | Н        | Н               |
| <b></b>                                | 39             | ⊢            | ┢  | -                                   | $\vdash$     | -        | $\vdash$      |  | Н        | Н               |
| <b> </b>                               | 40             | ├            |  | -                                   | ⊢            |          | $\vdash$      | $\vdash$   | Н        | $\vdash$        |
|  | 40             | ⊢            | ⊢  | ⊢                                   | -            | -        |               | -  | $\vdash$ | ⊢⊢              |
|  | 41             | <del> </del> | ⊢  |                                     | H            |          | ├-            | -  |          | $\vdash \vdash$ |
| $\vdash$                               | 42             | $\vdash$     | <u> </u>   | $\vdash$                            | L-           | Ь.       | ⊢             | -  | -        | Н               |
| <u></u>                                | 43             | _            | <u> </u>   |                                     |              | ш        | <b>—</b>      | <u> </u>   | <b>—</b> | Н               |
| <u></u>                                | 44             | <u> </u>     | Щ.   | <u> </u>                            | <u> </u>     |          | <b>L</b>      | L_   | _        | Щ               |
| L                                      | 45             | L            | L  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L            |          | _             | <u> </u>   |          | Щ               |
|  | 46             |              | L  |                                     | L_           | L.       | _             | L_   |          | Ш               |
|  | 47             | L            |  |                                     |              |          |               | L  |          | Ш               |
|  | 48             |              |  |                                     |              |          |               |  |          |                 |
|  | 49             |              | Γ  |                                     |              |          |               |  |          |                 |
|  | 50             | Г            | Γ  | Γ                                   |              |          |               |  |          |                 |

| Claim  | Dat   |                  |  |   |
|--|---|------------------|--|---|
| E  |   |                  |  |   |
| 51<br>52<br>3<br>4<br>54<br>55<br>6<br>7<br>8<br>9<br>10 |   |                  | -  |   |
| 51<br>52<br>3<br>4<br>54<br>55<br>6<br>7<br>8<br>9<br>10 |   |                  | -  |   |
| 51<br>52<br>3<br>4<br>54<br>55<br>6<br>7<br>8<br>9<br>10 |   |                  | ‡  |   |
| 52<br>53<br>54<br>55<br>6<br>7<br>8<br>9<br>10           |   |                  | ‡  | 目                                       |
| 3  |   |                  | ‡  | ⇊                                       |
| 4 54 55 6 55 56 7 57 57 58 58 59 59 60                   |   |                  | ┿  |   |
| 5 5 55 56 56 7 57 58 58 59 59 60                         |   | $\pm \pm$        | 1  | Н                                       |
| 6  |   |                  | <b>—</b> —   | Ш                                       |
| 7  |   |                  |  | Ц                                       |
| 8  | $\sqcup \!\!\! \perp$                             | $\bot$           |  | Ш                                       |
| 9 59 60  |   |                  |  | Ш                                       |
| 9 59 60  | oxdot   |                  |  | Ш                                       |
| 10 60  |   |                  |  | $\Box$                                  |
|  |   | $\top$           | $\neg$   | П                                       |
| 61   |   | $\sqcap$         | Т  | П                                       |
| 12 62  | $\Box$  | T                | Τ  | П                                       |
| 13 (1) 63  | $\sqcap$  | 1                | $\top$   | М                                       |
| 64   | 1-1-  | 1                | $\top$   | Н                                       |
| 15 65  | <del>                                     </del>  | ++               | +  | ⇈                                       |
| 16 / 66  | +-+-  | ++               | +  | ╁╌┤                                     |
| 47 67  | ┼-┼-  | ++               | +  | ╁┤                                      |
|  | <del>                                     </del>  | +-+              |  | ↤                                       |
| 18 68  | <del></del>                                       | +                | +  | ₩                                       |
| 19 69  | $\vdash$  | +                |  | ₩                                       |
| 20 70  |   | ╂┼               |  | Н                                       |
| 21 71 71   | <del>                                      </del> | $\bot$           |  | Ш                                       |
| 22 72 72   | $\vdash$  | $\bot$           |  | Ш                                       |
| 23 73 73   |   |                  |  | Ш                                       |
| 24 74 74   |   |                  |  | $\coprod$                               |
| 25 75  | П   | $\Pi$            |  | $\prod$                                 |
| 26 76  |   | $\top$           |  | П                                       |
| 27 77 77   |   | 1                |  | П                                       |
| 28 78  | + +   | 1-1-             |  | П                                       |
| 29 79  | <del>                                     </del>  | +-+              | $\top$   | ${f H}$                                 |
| 30 80  | <del>     </del>                                  | +-+              | +  | ╁╾┤                                     |
| 31 81  | <del>   -</del>                                   | ++               |  | ₩                                       |
|  | <del>   </del>                                    | + +              | +  | +                                       |
|  | 1   | +                | +  | +                                       |
|  | ╀   | ╂╼╂              | +  | ₩                                       |
| 34 84  | ┼-├-  | ++               | +  | ╁╼┤                                     |
| 35 85  | $\vdash$  | ++               |  | ┦┤                                      |
| 36 86  | $\vdash$  | ++               |  | ₩                                       |
| 37 87  | ╄   | 11               | -  | ╁╌┤                                     |
| 38 88  | $\downarrow \downarrow$                           | +                | _  | ┯                                       |
| 39 . 89  | oxdot   | $\bot \bot$      | $\bot$   | ┯                                       |
| 40 90  | $\perp \perp$                                     | $\perp \perp$    | Ц.   | ┯                                       |
| 41 91 91   | $\Box$  |                  |  | لــــــــــــــــــــــــــــــــــــــ |
| 42 92  | $\Box$  |                  | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\Box$                                  |
| 43 93  | П   |                  | T  | $\Box$                                  |
| 44 94  |   | $\top$           | $\top$   | T                                       |
| 45 95  | +   | 1-1              | $\top$   | +                                       |
| 46 96  | <del>   </del>                                    | <del>     </del> | -   -  | $\top$                                  |
| 47 97  | +   | +-+              | +  | +                                       |
| 48 98  | ++-   | ╅                | +  | ╁┤                                      |
| 48 99 99   | ++  | +                | +  | +                                       |
|  | +-+   | +-+              | +  | ╁┤                                      |
| 50 100   |   |                  | _ [  | , ,                                     |

| Claim |            | Date     |          |          |              |          |          |          |          |          |
|-------|------------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|
|       |            |          |          |          | _            | Jak      | 'n       |          |          | $\dashv$ |
| Final | Original   |          |          |          |              |          |          |          |          |          |
|       | 101        |          |          |          |              |          |          |          |          |          |
|       | 102        |          | L        |          |              | _        | L        |          | _        | $\dashv$ |
|       | 103<br>104 |          | $\vdash$ | H        | _            | _        | Н        | $\vdash$ | _        | $\dashv$ |
|       | 105        | $\vdash$ | $\vdash$ |          | Н            | Н        | -        | Н        | -        | $\dashv$ |
|       | 106        |          | H        | _        | Н            | Н        | H        |          |          | Н        |
|       | 107        |          |          |          |              |          |          |          |          |          |
|       | 108        |          |          |          |              |          |          |          |          |          |
|       | 109        | _        | _        |          | L            | _        |          | _        |          | Ш        |
|       | 110        | ⊢        | ⊢        | ⊢        | _            | ┝        | -        |          |          | Н        |
|       | 111        | -        |          | $\vdash$ | ⊢            | ⊢        |          |          |          | Н        |
|       | 113        | -        | -        | _        | ┢╌           | ┢        | $\vdash$ | -        | ┢        | H        |
| _     | 114        | Г        | Г        | $\vdash$ | $\vdash$     |          | Т        | Г        | Т        | П        |
|       | 115        |          |          |          |              |          |          |          |          |          |
|       | 116        |          |          |          |              | L.       |          |          |          | Ц        |
|       | 117        | $\vdash$ | <u> </u> | <b> </b> | ļ            | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Н        |
|       | 118<br>119 | ⊢        | $\vdash$ | ⊢        | H            | ⊢        | ⊢        | ┝        |          | Н        |
|       | 120        | ├─       | ┝        | ⊢        | $\vdash$     | ┢        | ┝        | $\vdash$ | $\vdash$ | Н        |
|       | 121        | ┢        | ╁        | Н        | Н            | ┢        | $\vdash$ | $\vdash$ | H        | H        |
|       | 122        |          | Г        | П        |              |          |          |          |          |          |
|       | 123        |          |          |          |              |          |          |          |          |          |
|       | 124        |          | L        | L        | L            | L        | _        |          |          |          |
|       | 125        | _        | <u> </u> | ⊢        | ┡            | <b> </b> | ⊢        | <u> </u> | ⊢        | H        |
|       | 126<br>127 | _        | ┝        | ⊢        | $\vdash$     | ⊢        | ⊢        | ┝        | ┝        | Н        |
|       | 128        | ┢        | ⊢        | ┢╌       | ┝            | ┢        | ┢        | $\vdash$ | ┝        | Н        |
|       | 128<br>129 |          | Т        | Т        | Г            | 1        | T        |          |          |          |
|       | 130        |          |          |          |              |          |          |          |          |          |
|       | 131        |          |          |          |              |          | L        | _        | L        |          |
|       | 132        | <u> </u> | ļ        | <u> </u> | ┞            | _        | ┡        | <u> </u> | L        | Ш        |
|       | 133        | -        | ┝        | -        | ├-           | ├        | ├        | ├-       | ┝        | $\vdash$ |
|       | 134<br>135 | ┢        | ┢        | ╁╾       | ┢            | ┢        | ┝        | ╁        | ┝        | Н        |
|       | 136        |          | Н        | $\vdash$ | T            | T        | 一        |          | 1        |          |
|       | 137        |          |          | 1_       |              |          |          |          |          |          |
|       | 138        |          |          | L        | L            | L        |          | L        |          | $\Box$   |
|       | 139        | ╙        | ╙        | ╙        | L            | ┡        | _        | ┡        | L        | ļ.,      |
|       | 140        | ⊢        | ┝        | ╄        | ┡            | ┝        | ┡        | -        | ⊢        | -        |
|       | 141<br>142 | -        | ┝        | $\vdash$ | $\vdash$     | ╁        | $\vdash$ | ┢        | ╁        | -        |
|       | 143        | $\vdash$ | +-       | $\vdash$ | H            | H        | +-       | t        | 1        | 1        |
|       | 144        | $\vdash$ | Τ        | Τ        |              |          | T        |          |          |          |
|       | 145        | L        |          |          |              |          |          |          |          |          |
|       | 146        |          |          | Г        | Г            | $\Box$   | Ļ        | $\Box$   | Ĺ        |          |
|       | 147        | 1-       | 1        | ↓_       | <del> </del> | ╀-       | ╄-       | ↓_       | ┡        | ⊢        |
|       | 148        | $\vdash$ | $\vdash$ | ╀        | $\vdash$     | ╀        | ⊢        | ⊢        | ├        | ⊢        |
|       | 149<br>150 | ┢        | $\vdash$ | ╁        | ╁            | ┢        | ╁╌       | $\vdash$ | $\vdash$ | ╁        |
| Щ     | 1 150      |          | _        | <u>—</u> | _            |          | ــــا    | _        |          | _        |
|       |            |          |          |          |              |          |          |          |          |          |